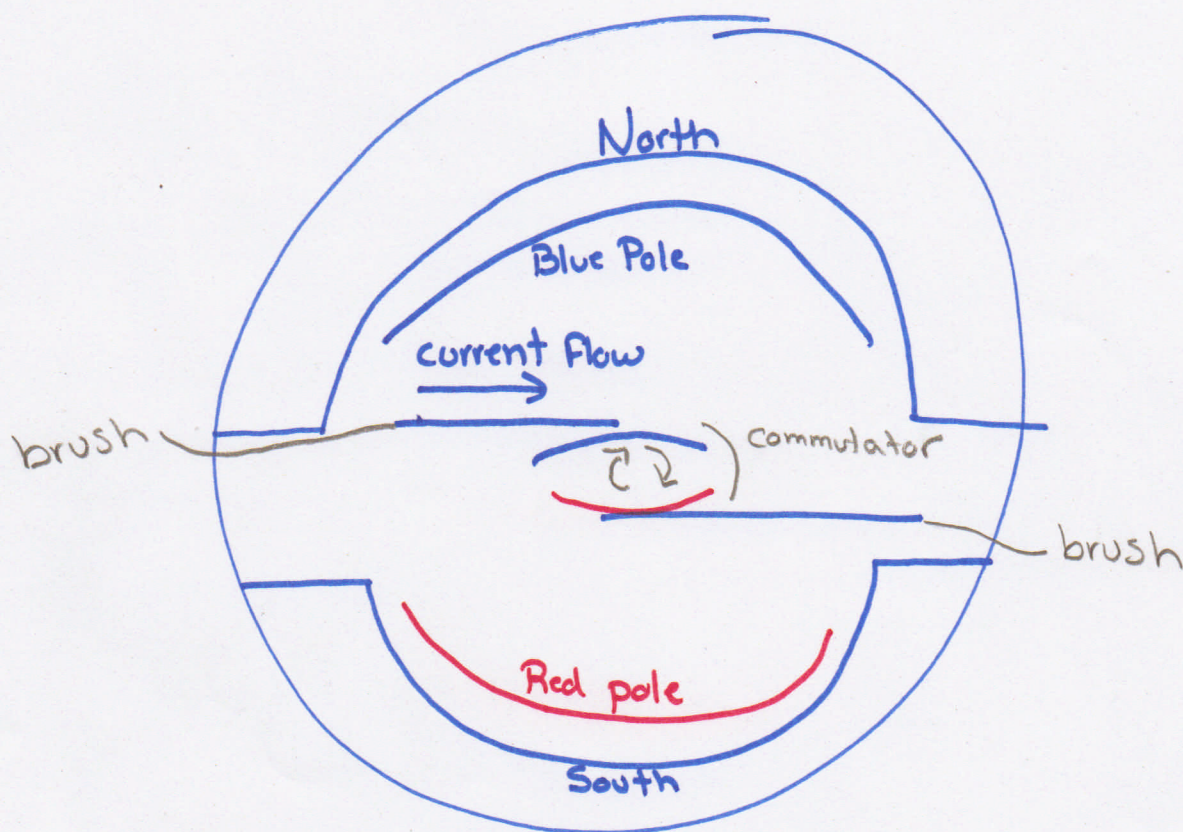


How the commutator works



The commutator spins, as it spins the electromagnet also spins whichever half (blue or red) touches the current in brush is the electromagnet's north pole. This constant switching keeps the electromagnet repelling and spinning.